PATENT
450127-02216

2131

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s)	:	Shinji NODA
Serial No.	:	09/404,427
Filed	:	September 23, 1999
For	:	METHOD OF AUTHENTICATING INFORMATION, DISK PLAYBACK APPARATUS, AND ENTERTAINMENT APPARATUS
Examiner	:	AKPATI, Odaiche T.
Art Unit	:	2131

745 Fifth Avneue
New York, NY 10151
Tel: 212-588-0800

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DEC 1 6 2003

Technology Center 2100

Mail Stop Non-Fee Amendment
Commissioner for Patents
Alexandria, VA 22313-1450

Dear Sir:

Transmitted herewith is an amendment in the above-identified application.

__X__   No additional fee is required.

_____   This is an application of a small entity under 37 CFR 1.9(f), and the amounts shown in parentheses apply.

_____   The fee has been calculated as shown below.

Claims as Amended

(1)	(2) Claims remaining after amendment	(3)	(4) Highest number previously paid for	(5) Present extra	(6) Rate	(7) Additional Fee
Total claims	29	Minus	32	0*	$18 (9)	= $ 0
Independent claims	3	Minus	3	0	$86 (43)	= $ 0
			Total additional fee for this amendment			= $ 0

*   If the entry in Column 2 is less than the entry in Column 4, write "0" in Column 5.

**   If the highest number of total claims previously paid for is less than 20, write "20" in this space.

***   If the highest number of independent claims previously paid for is less than 3, write "3" in this space.

☐ This application contains a multiple dependent claim. The required fee of $290(145) has been previously paid ☐, or is paid herewith ☐.

☐ This response is being field within ___ month following the expiration of the term originally set therefor. This is a petition to request a ( ) month(s) extension of time. A check covering the cost of the petition is enclosed.

☐ A check in the amount of $ .00 is attached, which covers the costs of a three-month petition for extension of time and a Notice of Appeal.

☐ Charge $_____ to Deposit Account No. 50-0320.

☒ Please charge any additional fees incurred by reason of this response or credit any overpayment to Deposit Account No. 50-0320.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop Non-Fee Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

_____Hans R. Mahr, Reg. No. 46,138_____
(Name of Applicant, Assignee or Registered Representative)
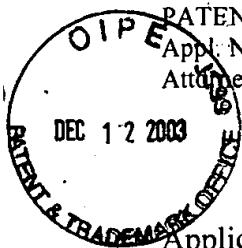
_____
Signature

_____December 9, 2003_____
Date of Signature

Respectfully submitted,

FROMMER LAWRENCE & HAUG LLP
Attorneys for Applicants

By: _____
Hans R. Mahr
Reg. No. 46,138
Tel: 212-588-0800

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/A

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
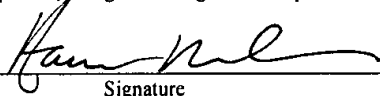
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Hans R. Mahr, Reg. No. 46,138

Name of Applicant, Assignee or Registered Representative

Signature

December 9, 2003

Date of Signature

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Technology Center 2100

AMENDMENT

Mail Stop Non-Fee Amendment
Commissioner for Patents
Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action of September 12, 2003, please amend the above-

identified application as follows:

1

IN THE DESCRIPTION

Please rewrite the paragraph beginning at page 15, line 9, as follows:

The main data demodulator 26 ~~ends~~ sends main data produced when the RF signal is demodulated by EFM to the main data buffer 30. The main data buffer 30 temporarily stores the main data, and sends the main data via the interface 32 to the program execution controller 16 in response to a control signal from the disk playback controller 28. If the main data is an audio signal, then the interface 32 outputs the audio signal to an audio signal output terminal 44.

Please rewrite the paragraph beginning at page 36, line 8, as follows:

The GTE 361 has a parallel arithmetic mechanism for performing a plurality of arithmetic operations parallel to each other, and can perform coordinate transformations, light source calculations, matrixes, or vectors at a high speed in response to a request from the CPU 351. Specifically, the GTE 361 can calculate the coordinates of a maximum of 1.5 million polygons per second for a flat shading process ~~to~~ for plotting one triangular polygon with one color, for example. With the GTE 361, the video game apparatus 301 is able to reduce the burden on the CPU 351 and perform high-speed coordinate calculations.